

(20-4379).

Episodes in the Lives of the Top Chinese Communist
Leaders, by Sawa Sampei, FOR OFFICIAL USE ONLY

JAPANESE, bk, Toho Hangetsukan (~~Eastern Sun~~),
No 15, 1960, pp 27-35.

*JPRS

FE-Japan

Biographic

COPYRIGHT

23 Aug 60

P'eng Chen and His Associates, by Lo Yu-chen,
10 pp. FOR OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, No 17, 1 Sep 1960,
pp 38-43.

JPRS 4182

TK - Japan

COPYRIGHT

FOL

Dec 60

134,153

(SF-1135)

Actual Conditions of the Great Leap Forward in
Education in Communist China, by Kotake Fumio,
14 pp. FOR OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, No 18, 16 Sep 1960,
pp 40-45.

JPRS 4185

FR - China

Soc

Dec 60

COPYRIGHT

133,691

(DC-4905)

Chemical Fertilizer Industry, 8 pp. OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, No 18, 16 Sep 1960.
pp 48-51.

JPRS 6875

FE - China

COPYRIGHT

Econ

Mar 61

142,426

(SP-1367)

Present Conditions in Sinkiang, by Fujino Susumu,
10 pp, OGD.

JAPANESE, par, Toho Shingakkan, No 20, 16 Oct 1960,
pp 50-56.

JUNE 4458
COPYRIGHT

FE - China

Pol

Mar 61

149,610

(DC-4904)

Mao Tse-tung's Campaign War Theory, by Kita Takuya,
9 pp. OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekka, No 21, 1 Nov 1960,
pp 18-24.

JPRS 6831

FE - Japan, China

MIL

Mar 61

COPYRIGHT

142,211

(DC-4904)

Chinese Communist Party's Leadership and the
Military Organization, by Liu F'ang, 5 pp.
OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, No 21, 1 Nov 1960,
pp 25-27.

JPRS 6831

FE - Japan, China
W11
Mar 61

COPYRIGHT

142,212

(DC-4904)

Actual Conditions and Outlook of Military
Organization, by Yoshikawa Hiroshi, 7 pp.
OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, No 21, 1 Nov 1960,
pp 28-31.

JPRS 68:1

EE - Japan, China
Mil
Mar 61

(COPYRIGHT

142,213

(DC-4904)

Recent Developments in Military Power, by Chu Ts'e,
4 pp. OFFICIAL USE ONLY

JAPANESE, per, Toho Mangokkan, No 21, 1 Nov 1960,
pp 32, 33.

JPRS 6831

FE - Japan, China
Mil
Mar 61

COPYRIGHT

142,214

(DC-4904)

New Trend in the Modernization of the Chinese
Communist Army, by Chin Ta-k'ai, 8 pp.
OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekka, No 21, 1 Nov 1960,
pp 34-37.

JPRS 6831

FE - Japan, China
Mil
Mar 61

COPYRIGHT

142,215

(DC-4932)

The History and Strength of the Communist Chinese
Navy, 18 pp. OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, Vol I, No 22,
16 Nov 1960, pp 41-49.

JPRS 6900

FE - China

Mil

Mar 61

~~CONFIDENTIAL~~

143,980

(DC-5249)

E The Soviet Union and the Chinese Communist
Army After Marshal Nedelin's Death, by Akira
Higashikata, 6 pp. OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, No 24, 16 Dec
1960, pp 14-18.

JPRS 8156
COPYRIGHT

153,569

FE - China
DBSR
Mil
Jun 61

(DC-5249)

Communist China's Critical Food Problem, by Cheng
Hsueh-chia, 5 pp. OFFICIAL USE ONLY.

JAPANESE, per, Toho Hangekkan, No 24, 16 Dec 1960,
pp 26-29.

JPRS 8157
COPYRIGHT

153,557

FE - China
Econ
Jun 61

(D)-5249)

Have the Soviet Union and Communist China
Reached an Understanding?, by Chin Ssu-k'ai,
7 pp. OFFICIAL USE ONLY.

JAPANESE, per, Toho Hangeikan, No 24,
16 Dec 1960, pp 39-43.

JPRS 8158

153,560

USSR - Econ
FE - China - Econ
Jun 61

(DC-5252)(c)

Kao Tse-Tung's Discussions on Tactics, by Kita
Tatsuya, 14 pp. OFFICIAL USE ONLY

JAPANESE, per: Toho Hangekkan, Vol II, No 1, 1961,
INDEX pp 14-22.

JPRS 8292
COPYRIGHT

153,839

RE - ~~MAILED~~ China
M41
Jun 61

(DC-5252/R)

Personnel Changes in Communist China During
1960, by Chin Ssu-k'ai, 18 pp. OFFICIAL USE
ONLY.

JAPANESE, per, Toho Hangaikan, Vol II, No 1,
1961, pp 23-32.

JPRS B290
COPYRIGHT

153,840

FE - China
Pol
Jun 61

~~SECRET~~ (U) (S)
(DC-5252/b)

Comments on the Moscow Declaration, by Sato
Shinichiro, 8 pp. OFFICIAL USE ONLY

JAPANESE, per, Toho Hangekkan, Vol II, No 1,
1961, pp 36-43.

JPRS #291
~~SECRET~~ COPYRIGHT
153, 838

FM - China
Pol

(SF - 1520).

Outlook for Trends in Communist China During
1961, by Tange Goro, OUO

JAPANESE, per, Toho Hangekkan, Vol II, No 2,
1961, pp 8-12.

*JPRS
COPYRIGHT

FE - Korea

Pol

21 Feb 61

(SF - 1520).

Criticism of KIM Il-sung's "Labor Party," by
Han Choe-dok, OUO

JAPANESE, per, Toho Hangekkan, Vol II, No 2,
1961, pp 20-25.

*JPRS
COPYRIGHT

FE - Korea

Pol

21 Feb 61

(SF-1565)

Visit to Indonesia, by Tani Masayuki, 6 pp. OFFICIAL
USE ONLY

JAPANESE, per, Toho Hangekkan, No 27, 1 Feb 1961,
pp 22-25.

JPRS 4528
COPYRIGHT

FE - Indonesia

Pol

May 61

150,567

The Excitation of Vibration of the Model Larynx,
by KENZO Ishizaka, FOR OFFICIAL USE ONLY
JAPANESE, per, Tohoku Daigaku Denki Tsushin
Kenkyusho Onkyo Kenkyukai Shiryo, 11 pp.

100007066

AFCL T-JC-1

Sci- Biol & Med Sci
Sept 66

309,088

The Mechanism of Vibration of the Vocal Cords,
by KENZO Ishizaka, FOR OFFICIAL USE ONLY
JAPANESE, per, Tohoku Daigaku Donki Tsushin
Kenkyusho Onkyo Kenkyukai Shiryo, 1963, 7 pp.

100007066

AFCL T-JC-1

Sci- Biol + Med Sci
Sept 66

399,086

Mechanism of the Vibration of the Vocal Cords,
by KENZO Ishizaka, et al. FOR OFFICIAL USE ONLY
JAPANESE, per, Tohoku Daigaku Denki Tsushin
Kenkyusho Onkyo Kenkyukai Shiryo, Vol XXXVIII,
1963, pp 178-180. 100007066
AFGRL T-JC-1

Sci- Biol Med Sci
Sept 66

309,084

The Rise Time of Vibration of a Vocal Cord Model,
by KENZO Ishizaka and MASATOSHI Matsudaira,
et al, FOR OFFICIAL USE ONLY
JAPANESE, per, Tohoku Daigaku Denki Tsushin
Kenkyusho Onkyo Kenkyukai Shiryo, Vol XXXIX,
No 10, 1964. 100007066
AFCHL T-JC-1

Sci-Prof & Med Sci
Sept 66

309,085

Tables of Spheroidal Wave Functions, by
Tadamoto Nimura, Yoshiyuki Watanabe.
UNCLASSIFIED

JAPANESE, ~~xpt~~ per, Tohoku Daigaku Denki Tsushin
Kenkyu-sho Danwa Kaishu Kiroky, Vol XVIII,
No 16, 17, 1949, pp 1-89.

*Navy/NRL

Sci - Geophysics
Aug 60

*Controlled
information*

Mano, K.
GENERAL DISCUSSION OF CONTACT RESISTANCE.
Pt. 3 of Effect of Electrolytic Polishing on Contacts.
[1961] 4p.
Order from ATS \$6.00 ATS-33150J

Trans. of Electrical Communications Colloquium of
Tohoku U. Proceedings (Tohoku Daigaku Densu Dan-
wakai Kiroku) 1954, v. 23, no. 1, p. 39-40.

DESCRIPTORS: *Electrolytic polishing, Electroerosive
machining, Resistance, *Electrical equipment

(Engineering--Electrical, TT, v. 6, no. 8)

61-22628

- I. Mano, K.
- II. Title: Effect...
- III. ATS-33150J
- IV. Associated Technical
Services, Inc., East
Orange, N. J.
- V. Title: Tohoku Daigaku...

185171

Office of Technical Services

Mano, K.
EXAMINATION OF THE FUSION-ADHESION CHARACTERISTICS OF ELECTROLYTICALLY POLISHED CONTACTS. Pt. 5. of the Effect of [Electrolytic Polishing on] Contacts. [1961] 4p.
Order from ATS \$6.00

ATS-54N50J

Trans. of Electrical Communications Colloquium of Tohoku U. Proceedings (Tohoku Daigaku Densu Dain-wakai Kiroku) 1954, v. 23, no. 1, p. 43-44.

DESCRIPTORS: *Electrolytic polishing, Electroerosive machining, Adhesion, *Electrical equipment.

(Engineering--Electrical, TT, v. 6, no. 8)

61-22378

- I. Mano, K.
- II. Title: Effect...
- III. ATS-54N50J
- IV. Associated Technical Services, Inc., East Orange, N. J.
- V. Title: Tohoku Daigaku...

185170

Office of Technical Services

Mano, K., Tomakomeji, K., and Furukawa, Y.
THE DELAY IN RESPONSE TIME OF AN ELECTRO-
MAGNET WHEN SELENIUM RECTIFIERS ARE USED
FOR ARC SUPPRESSION. [1961] 3p.
Order from ATS \$6.00

ATS-55N50J

Trans. of Electrical Communications Colloquium of
Tohoku U. Proceedings (Tohoku Daigaku Dentsu
Danwakai Kiroku) 1955, v. 24, no. 2, p. 43-44.

DESCRIPTORS: *Selenium rectifiers, Electric arc,
*Electromagnets.

(Engineering--Electrical, TT, v. 6, no. 6)

61-22379

- I. Mano, K.
- II. Tomakomeji, K.
- III. Furukawa, Y.
- IV. ATS-55N50J
- V. Associated Technical
Services, Inc., East
Orange, N. J.
- VI. Title: Tohoku Daigaku...

176629

Office of Technical Services

Mano, K. and Matsumoto, G.
THE ACTUAL MEASUREMENT RESULTS OF THE
ARC DURATION OF SWITCHING (OPENING AND
CLOSING) RELAY CONTACTS. [1961] 4p.
Order from ATS \$6.00 ATS-56N50J

Trans. of Electrical Communications Colloquium of
Tohoku U. Proceedings (Tohoku Daigaku Dentsu
Danwaka Kiroku) 1955, v. 24, no. [I] p. 45-46.

DESCRIPTORS: *Electric relays, *Switches,
*Electric arcs, Electrical equipment.

(Engineering--Electrical, TT, v. 6, no. 6)

61-22380

- I. Mano, K.
- II. Matsumoto, G.
- III. ATS-56N50J
- IV. Associated Technical
Services, Inc., East
Orange, N. J.
- V. Title Tohoku Daigaku...

176630

Office of Technical Services

Furuyu, T., Iino, Y. and others.
DYNAMIC CONTACT RESISTANCE MEASURING
EQUIPMENT. [1961] 4p.
Order from ATS \$7.50

ATS-57N50J

Trans. of Electrical Communications Colloquium of
Tohoku U. Proceedings (Tohoku Daigaku Densu
Danwakai Kiroku) 1959, v. 28, no. 1, p. 39-40.

DESCRIPTORS: Electrical equipment, *Resistance,
Measurement.

(Engineering--Electrical, TT, v. 6, no. 6)

61-22381

- I. Furuyu, T.
- II. Iino, Y.
- III. ATS-57N50J
- IV. Associated Technical
Services, Inc., East
Orange, N. J.
- V. Title: Tohoku Daigaku...

176631

Office of Technical Services

Electroluminescence of ZnS Single Crystal, 1958,
by Tetsuo Matsumura, Yasaku Tanabe, 14 p.

JAPANESE, per, Tohoku Daigaku Kagakukaiinshi,
Kenkyusho Hokoku, 1958, Vol VII, No 2,

SLA 59-17900

Ses
Feb 60
Vol 2, No 10

108, 931

The Electric Character and the Electroluminescence of
ZnS Crystals with Various Metal Electrodes, by
Haruo Fujisaki, Tetsuo Matsumura, Yasaki Tanabe,
23 p.

JAPANESE, per, Tohoku Daigaku Kagakuboseioku
Kenkyusho Hokoku, 1958, Vol VII, No 2,

SLA 59-17899

Sci
Feb 60
Vol 2, No 10

108,925

Studies on the Pulverizing of Crystalline
Graphite, by Ryohji AITA, Kunihiro YOSHIDA.
JAPANESE, per, Tohoku Daigaku Kagakukeisoku
Kenkyusho Hokoku, Vol 11, 1962, Nos 2&3,
pp 121-139. 9232398
AEC LA-Tr-66-5

Sci/M&M
May 66

299,525

On the Shape of Particle of Natural Graphite
Pulverized by the Cutter Mill, by
Iyoji AITA, Kunio YOSHIDA.

JAPANESE, per, Tohoku Daigaku Kagakukoisoku
Kenkyusho Hokoku, Vol 11, 1962, pp 141-160.

9232397

AIC LA-Tr-66-6

Sci/MGM

May 66

300,426

About the Motion of Balls, Mill Charge and
Their Pulverizing Effect in the Ball Mill, b
by Yoji AITA, Hunio YOSHIDA.

JAPANESE, per, Tohoku Daigaku Kagakukeisoku
Konkyusho Hokoku, Vol 11, No 2 & 3 pp 161-188,
1962. 9232396

ABC LA-Tr-66-11

FE-Japan
Sci/MQM
May 66

299,508

Pulverizing of Natural Graphite Particle by
Hammer Mill, by Ryoji AITA, Kunio YOSHIDA.
JAPANESE, per, Tohoku Daigaku Kagaku Koisoku
Kenkusho Hokoku, Vol 11, No 243, 1962,
pp 227-234. 9252399
AEC LA-Tr-66-12

Sci/MEM
May 66

299,524

Studies of Organophosphorus Compounds. V.
Several Observations on the Syntheses of
O,O-Dialkyldithio-Phosphoric Acid ("Aero-
float"), by T. Yamasaki, 7 pp.

JAPANESE, per, Tohoku Daigaku Senko Seiren
Kenkyushu Iho, Vol IX, No 2, 1953, pp 235-240.

ATS-79M39J

Sci

OTS, Vol IV, No 3

Sep 60

129,398

On Equilibrium in the Reduction ☐ of Germanium
Dioxide by Hydrogen, by Kenji Ono, Tomoo Matsushima,
Yoichi Inada, 10 pp.

JAPANESE, per, Tohoku Daigaku Senko Seiren Ken-
kyusho Iha, Vol XI, 1955, pp 155-158.

AEC Tr 2/70

Sci - Chem
Aug 57

51,897

Study on the Hydrometallurgical Processing of
the Nickeliferous Laterite Ore. 7. Cobalt
Electrolysis, by K. Ono, et al.

JAPANESE, per, Tohoku Daigaku Senko Seinen
Kenkyusho Iho, Vol 23, No 1, 1967, pp 29-33.

EZ

sci/ materials
aug 69

389,726

Histologic Findings in Rabbit Adrenals From
Experimental Methanol Poisoning, by Emao Ando,
Nobuyuki Sasano.

JAPANESE, par, Tohoku Igaku Zasshi, Vol L,
1954, pp 246-251.

WH 2-48-63

Sci - Biol/Med Sci

May 63

231,982

TFD (TOMDR-1) 9-7-4

BT67- 10-779T

Request translation check

Prophylactic effect of head-cooling on coal miner's
cramps. I. The electroencephalographic observa-
tions

T. Shimotori, et al

Tohoku Igaku Z., vol 66, Sep, 1962, 258-265

9-11-67

Tuberculous Infection and Allergy in Infants and
Children, by K. Kumagi, 9 pp

JAPANESE, per, Tohoku J. Exptl Med, Vol LI, No 1/2,
Oct 1949, pp 9-16.

SLA 2575.

Sci - Medicine
Jan 58

57,305

On the Stomach Contents of the Skipjack, by
Hideoyuki Hotta, Toru Ogawa, 33 pp.

JAPANESE, par, Tohoku Kaiku Suisan Kenkyusho Kenbun,
Hokoku, No 4, 1955, pp 62-81.

SLA 59-10738

Sci

190,020

Mar 62

Vol IV, No 6

On the Migration and the Growth of the Skipjack,
Katsuwonus Pelamis (Linnaeus) in the South-Western
Sea Area of Japan, by Tsuyoshi Kawasaki, 34 pp.

JAPANESE, per, Tohoku Daiku Suisei Kenkyusho Kenkyu
Hokoku, No 4, 1955, pp 83-100.

SLA 59-19912

Sci

190.042

Mar 62

Vol IV, No 6

On the Migration and the Growth of the Skipjack,
Katsuwonus Pelamis (Linnaeus) in the Izu and Bonin
Sea Areas and the North-Eastern Sea Area Along the
Pacific Coast of Japan, by Tsuyoshi Kawasaki, 34 pp.

JAPANESE, per, Tohoku Kaifu Suisan Kenkyusho Kenkyu
Hokoku, No 4, 1955, pp 101-119.

SLA 59-19341

Sci

190,041

Mar 62

Vol IV, No 6

Yao, Masakazu.
ON THE OVARIUS OF THE SKIPJACK, KATSUWOMUS
DELAIMIS (LINNAEUS) CAPTURED IN THE FISHING
GROUNDS ALONG THE JAPANESE COAST, tr. by
T. Ochiai. [1959] 2p. (6 figs. omitted) 9 refs.
Order from OTS or SLA \$1.10 59-18563

Trans. of [Tokai Kaku Suisan Kenkyusho Kenkyu
Hokoku] (Japan) 1955, no. 5, p. 43-52 (Tokai Regional
Fisheries Research Lab. Rept. no. 63).

DESCRIPTORS: *Fishes. *Skipjack. *Reproductive
system. Pacific Ocean

59-18563

- I. Yao, M.
- II. Tokai Regional Fisheries
Research Lab. Rept-63
- III. Fish and Wildlife Service,
Washington, D. C.

181667

Office of Technical Services

(Biological Sciences--Zoology, TT, v. 6, no. 7)

4-3-61

Ecology of the Lesser Halibut, by Masao Mikawa.
106 pp.

JAPANESE, per, Tohoku-Kaiku Suisan Kenkyusho
Kenkyu Hokoku, No 23, 1963, pp 1-41.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-29-June 1969-No 62

On loan

Sci-B&M

Nov 69

396,811

Young Albatore Taken From the Northeastern Sea Area
of Japan in August and September, 1963, by M. Asano.
JAPANESE, per, Tohoku Kaiku Suisan Kenkyusho Kenkyu
Hokoku, No 24, 1964, pp 20-27.
NTC-71-11266-06C

Nov 71

Studies on the Blast Disease of Rice in Humus Rich
Paddy Fields, with Special Reference to Soil
Conditions, Pt.3, Influence of Peat on the Blast
Resistance of Rice, by Y.Tokunaga and T.Furuta.
JAPANESE, per, Tohoku Nogyo Shikenjo Kenkju
Hokoku, Vol.14, pp.16-20,1959.
SLA-TT-66-11539

Aug 66
B/M

308,978

Readjustment Work of Land Parcels and its
Effect of Farm Management, by N. Watanabe,
M. Ogawa, S. Shibata.
JAPANESE, per, Tohoku Nogyo Shikenjo Kenkyu
Hokoku, No. 29, 1959, pp 53-74
SLA TT-66-10840

330, 790

FE - Japan
Econ
Jul 67

Relationship of Rice-Plant Metabolism to Blast Disease
Report No 3. Relationship of Rice-Plant Nitrogen
Metabolism to Blast Disease, by Yoskio Tokunaga,
Toshihiro Katsube, 100 pp.

GOVERNMENT USE ONLY

JAPANESE, per, Tohoku Nogyo Shikenjo Kenkyu Hodoku,
No 34, pp 37-77.

ARM/FSTC/IIT-23-924-68

Sci/B&M
Jan 69

398,901

Watanabe, Nobuo.
ON THE MECHANISM OF VARIATION IN WATER
TEMPERATURE AND CHLORINITY OF UPPER
LAYER IN THE SEAS SOUTHWEST OFF KYUSHU
AND AROUND NANSEI-SHOTO, tr. by Grace Y.
Beard. 22 July 59, 13p. (18 figs. omitted) 7 refs.
Order from OTS or SLA \$1.60 59-19340

Trans. of [Tokai-ku Suisan Kenkyusho Kenkyu Kokoku]
(Japan) 1958, no. 21, p. 15-24 (Tokai Regional Fish-
eries Research Lab. Contributions no. 75).

DESCRIPTORS: *Sea water, *Japan, Temperature,
Chlorine, Determination, Atmosphere, Heat transfer,
Evaporation, Precipitation, Oceanography

(Earth Sciences--Oceanography, TT, v. 7, no. 3)

59-19340

- I. Watanabe, N.
- II. Tokai Regional Fisheries
Research Lab., Con-
tributions-75
- III. Fish and Wildlife Service,
Washington, D. C.

12-29-61

Office of Technical Services

Pathogenicity of Rice Blast Bacteria and
Regional Differences in Rice Blast Resis-
tance in Particular Rice Plant Varieties,
by Shimoyama Morihito, Endo Tadamitsu.
JAPANESE, bk, Toketei Hinshu no Inochi
Taibyosei no Chiikisa to imochi Byokin
no Byogensei, Aug 1963, pp 17-19.
ACSI J-6266
FSTC HT-23-857-68

Sci-B&M
Apr 69

380,534

J-1270/63

Basic Problems in Modernization of the [Liberal-Democratic] Party and Views on Labor, by
ISHIDA Hirohide, 32 pp.

JAPANESE, ~~EX~~rpt, To Kindaika no Kihonteki Kadai to
Rodokan ni Tsuite, No 13, 1963, 42 pp.

9
*JPRS/SPECIAL / 25-0788

FE - Japan
Pol
Sept 63

(FDD 22347)

Method of Manufacturing a Nitrogenous Super-
phosphate Fertilizer, by Hirota Mototaro,
7 pp.

JAPANESE, official rpt on patents, Tokkyo Koho,
Tokyo, 26 Nov 1952.

CIA/FDD/U-6469

WE - Japan

Sci - Chemistry, nitrogenous superphosphate
fertilizer

18,988

Method of Producing a New Antitumor Substance
"Melanomyelin", by Tada Hata, 16 pp.

JAPANESE, Hk, Tokyo Kaho, Patent 5899,1972
1959.

NIK 7-31-63

Sci - Biol & Med
Sep 63

344,305

Method of Manufacturing New Antibiotic, by T.
Ito.

JAPANESE, per, Tokkyo Koho (Pat. 35-15449),
1960, pp 1-4.

HEW-NIH
10-21-67

Sci-B&M
Dec 67

346,140

Method of Obtaining New Antibiotic Sabriomycin,
by H. Daguchi.

JAPANESE, per, Tokkyo Koho (Pat. 35-15850),
1960, pp 1-4.

HEW-NIH
10-22-67

Sci-B&M
Dec 67

346,141

The Preparation of Anti-Virus Substance (Abikovirozyme),
by Umezawa Hamao, Taraki Masakatsu, et al.

JAPANESE, ^{bk}~~FILE~~, Tokuryu Kobo, Sep 1954, pp 1, 2.

WIK 5-2-63

Sci - Biol/Med. Sci

Aug 63

34,410

Homogeneous Characteristics of the
Particle Size Distribution and Mineral
Composition of a Tuff Bed, by Murei Isamu,
17 pp.

JAPANESE, per, Tokyo Daigaku Jishu
Kenkyu Ho, Vol 40, pt 2, June, 1962,
pp 133-155.

AGI in International Geology Review,
v. 6, no. 11, pp 1903-1919

336,272

Sci
Aug 67

Kuratani, Kenji.
INFRA-RED ABSORPTION SPECTRA OF BHC AND
RELATED COMPOUNDS. [1963] 5p 4 refs
Order from SLA \$11.10 TT-63-18237

Trans. of [Tokyo Daigaku Kenkyusho Kokoku] (Japan)
1950, v. 4, p. 236-239. (Abstract available)

DESCRIPTORS: *Hexachlorocyclohexanes, *Molecular
isomerism, Infrared spectroscopy, *Insecticides

Infra-red absorption spectra of 4 isomers of BHC
(α , β , γ , δ), 4 isomers of heptachlorocyclohexane
(α , γ , δ , ϵ) and 2 isomers of octachlorocyclohexane
(β -p-octa., o-octa.) were measured in the solid and in
the CS₂ solution. Analytical key bands of these isomers
were found as follows: α -BHC 786; γ -BHC 684;
 δ -BHC 755, 985; α -hepta. 763, 1010; γ -hepta. 710, 796;
 δ -hepta. 718, 808; ϵ -hepta. 738 cm⁻¹. (Author)
(Chemistry--Analytical, TT, v. 11, no. 4)

TT-63-18237

I. Kuratani, K.

Office of Technical Services

(FDD 21754)

The Buckling of Spherical Shells by External Pressure.
Report No 2 (Especially Concerned With the Lower
Buckling Load and the Energy Barrier), by Masuji
Yoshimura, Yoshimaru Yoshimura, 11 pp.

Full translation.

JAPANESE, no per, Tokyo Daigaku Rikogaku Kenkyujo
Gakoku, Vol VI, No 6, Tokyo, Dec 1952, pp 367-371.

1 - Japan

CIA/FDD/U-6200

1 - Physics, buckling of shells

AEC-TR-6098

16,003

(WAK)

A Theoretical Attempt on the Packing of Powders, by
Sohachiro Hayakawa. UNCLASSIFIED

JAPANESE, per, Tokyo Daigaku Rikogaku Kenkyujo
Bokoku, Vol. IV, No 3/4, 1960, pp 31-36. 207622

Navy 2747/NEL 812

Sci - Engineering
Mar 61

143,847

Telecommunication, by Tatsuo Takahashi, 15 pp.

JAPANESE, per, Tokyo no Denwa (2), No 3, 1963,
pp 32-43. (Uncatalogued Eng Tr)

Army Map Service

FE - Japan
Econ
Nov 63

242,398

Studies on the Naito Substance, by Y. Hamamoto,
36 pp.

JAPANESE, per, Tokyo Igaku Zasshi, Vol LXI, No 5/6,
Dec 1957, pp 343-354.

NIH 12-14

Sci - Med

57,841

Jan 58

Bacteriological Studies on Behcet's Syndrome.
Report 2. The Serological Specificity of the Sera
of Patients With This Syndrome, by H. Ujihara.
JAPANESE, per, Tokyo Igaku z, Vol 67, No 3,
1959, pp 425-433.

HEW NID
8-4-68

Sci/B&M
Nov 68

368,439

Seventy-Seven Year History of Research on
Tsubugamushi Disease in Japan, by Morio Ogata.

JAPANESE, per, Tokyo Iji Shinshi, Vol LXX, No 10,
1953, pp 51-73.

NIH 4-6-63

Sci - Biol/Med Sci

Jul 63

238,067

Additional Cases of Tetrodotoxin Poisoning, by
H. Fujita, 10 pp.

JAPANESE, per, Tokyo Iji Shinshi (The Tokyo Medical
Journal), Vol LXXI, No 4, 1954, pp 17-18.

NIII 9-9-61

Sci - Med

Jan 62

178,810

Theoretical Reflections on the Electro-
chemical Properties of Liquid Ammonia,
by Makishima Shoji.

JAPANESE, per, Tokyo Imperial Univ,
Faculty of Engineering Journal,
Vol XXI, No 2, 1938, pp 115-168.

CHIRO

Sci - Chem
Mar 62

189,507

Graininess of Photographic Emulsions Exposed to
X- and γ -Rays, by Y. Tomoda, 8 pp.

JAPANESE, per, Tokyo Industrial Experimental
Station Reports, Vol LII, No 3, 1957, pp 105-110.
9070983

ACSIL 1073

Sci - Phys

Sep 60

125,549

The Chemical Study of a Globe-Fish Toxin, by
H. Yokoo, Akira

JAPANESE, per Tokyo Kogyo Daigaku Gakko,
Vol XIII, No 1, 1948.

ANC-Tr 339

Scientific - Biology

OTS Jan 1951

12,352

Gas-Phase Reaction Between Arsenic and Sulfur
Trioxide, by H. Uehida, Y. Ito.

JAPANESE, per, Tokyo Kogyo Shikensho Hokoku,
Vol XLVII, 1952, pp 258-263.

ATS-67N54J

Sci
Mar 62

Vol VII, No 2

Uchida, S., Ito, Y., and Masuda, E.
VAPOR-PHASE REACTION BETWEEN AMMONIA
AND CONVERTER GAS FROM CONTACT TYPE
SULFURIC ACID MANUFACTURE. Pt. 4 of Anhydrous
Reaction Between Ammonia and Sulfur Trioxide. [1961]

8p.

Order from ATS \$13.60

ATS-66N54J

Trans. of Tokyo Kogyo Shikensho Hokoku (Japan) 1952,
v. 47, p. 264-269.

DESCRIPTORS: *Ammonia, *Sulfur compounds,
Sulfuric acid, Acids.

(Chemistry--Physical, TT, v. 7, no. 2)

61-25705

- I. Uchida, S.
- II. Ito, Y.
- III. Masuda, E.
- IV. Title: Anhydrous...
- V. ATS-66N54J
- VI. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Uchida, S. and Ito, Y.
GAS-PHASE REACTION BETWEEN AMMONIA AND
SULFUR TRIOXIDE. Pt. 3 of Anhydrous Reaction
Between Ammonia and Sulfur Trioxide. [1961] 6p.
Order from ATS \$9.25 ATS-67N54]

Trans. of Tokyo Kogyo Shikensho Hokoku (Japan) 1952,
v. 47, p. 258-263.

DESCRIPTORS: *Ammonia, *Sulfur compounds,
*Oxides, Chemical reactions, Reaction kinetics.

(Chemistry--Physical, TT, v. 7, no. 2)

61-25707

I. Uchida, S.
II. Ito, Y.
III. Title: Anhydrous...
IV. ATS-67N54]
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Alkaline Hydrolysis of Chlorobenzenes, by N. Ohta,
K. Kagami.

JAPANESE, per, Repts Govt Chem Ind Research Inst,
Vol XLVII, Tokyo, 1952, pp 327-336.

ATS RJ-1912

Sci - Chem
Dec 59

104,088

Concentration Distribution in a Synthetic
Ammonia Converter I. Availability of the Results
Obtained with a Pilot Plant Containing Five
Liters of Catalyst, by A. Wutida, T. O. Kuraisi,
U. Kurita, T. S. Hosoya, 42pp
JAPANESE, per, Tokyo Kogyo Shikensho Kokoku,
Vol 48, 1953, pp 12-26
SLA TT-64-20340

Sci - Eng
May 67

327,415

A Study on the Conditions for Synthesis of
Melamine From Dicyandiamide in the Presence of
Ammonia, by Masahiro Kurabayashi, Koshin
Yanagiya, 12 pp.

JAPANESE, 1 par, Tokyo Kogyo Shikansho Hokoku,
Vol XLVIII, no 4, 1953, pp 133-138.

SLA 60-18156

Sci
May 62

194,304

Vol 4, No 10

A Study on the Thermo-Reaction Products of Di-
dicyandiamide in the Presence of Ammonia, by
Masahiro Kurabayashi, Koshin YME Yanagiya,
39 pp.

JAPANESE, per, Tokyo Kogyo Shikansha Mokoku,
Vol XLVIII, No 4, 1953, pp 139-157.

SLA 60-18155

194,305

Sci

May 62
Vol 4, No 10

Synthesis of Chloral by the Chlorination
of Paraldehyde or Acetaldehyde, by
H. Ohta, J. Imamura, 17 pp.

JAPANESE, per, Tokyo Kogyo Shikensho
Bokoku, Vol XLVIII, No 8, 1953, pp 311-324.

AMS-91M39J

ATC/JJ-2578

Sci
Mur 62
Vol 4, No 4

187, 764

Synthesis of Ethylene and Butadiene by the Hydro-
genation of Acetylene, I Formation of Butadiene
and Butene, by Tadao Shiba, 3 pp.

JAPANESE, per, Tokyo-Kogyo-Shikenjo Hokoku, Vol
XLIX, 1954, pp 278, 279.

S.L.A. Tr 1044/1956

Sci. - Chemistry

39,260

Synthesis of Ethylene and Butadiene by the Hydrogenation of H_2X acetylene, II. Equilibrium in the Hydrogenation of Acetylene and Associated Reactions, by Tadao Shiba, 4 pp.

JAPANESE, per, Tokyo-Kogyo-Shikensho Hokoku, Vol. XLIX, 1954, pp 280-282.

S.L.A. Tr 940/1956

Sci - Chemistry

39,199

Synthesis of Ethylene and Butadiene by the Hydro-
genation of Acetylene, **KIX** III Analysis of Gaseous
Product in the Hydrogenation of Acetylene, by
Tadao Shiba,

JAPANESE, per, Tokyo-kogyo-shikenjo Hokoku, Vol
KLIX, 1954, pp 283-286.

S.L.A. Tr 941/1956

Sci - Chemistry

39,194

Preparation of Hydrogen Cyanide from Carbon Monoxide and Ammonia by the Formamide Method. VI - Preparation of HCN (Using Copper or Manganese as Packing), by T. Hatano.

JAPANESE, per, Tokyo Kogyo Shikansho Hokoku, Vol 51, No 4, 1956, pp 174-177.

BISI 8015

Sci-Hat
June 70

Production of Hydrogen Cyanide by the Formamide
Method from Carbon Monoxide and Ammonia 1 - Prepara-
tion of Methyl Formate, by T. Hatano and Y. Ando,
JAPANESE, per. Tokyo Kogyo Shikansho Hokoku, Vol 51,
No 4, 1956, pp 133-138.
RISI 7853

Sci/Mat
Aug 70